

IN THE ABSTRACT:

Please DELETE the Abstract in its entirety and substitute the attached new Abstract.

A method determines a routing for radio transmission between a first and a second radio station of a radio communication system, said system having a plurality of additional radio stations in addition to the first and the second radio stations. The routing passes through at least two of the additional radio stations, in such a way that information can be transmitted by radio between the first and the second radio stations via the routing. The system is provided with a radio communication device, which recognizes adjacent relationships between the radio stations of the radio communications systems. The radio communication device specifies a sub-group of the radio stations in the routing in response to a request for the determination of a routing between the first and the second radio stations and transmits respective radio stations identification information relating to one or more radio stations in the sub-group of radio stations to the first and/or second radio station(s).